

Substitute for form 1449A/PTO				Complete if known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number		
				Filing Date		
				November 30, 2001		
				First Named Inventor		
				Scott E. Black		
				Group Art Unit		
				Examiner Name		
Sheet 1 of 1				Attorney Docket Number 38190/240126		
U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant Of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document Office ³	Kind Code ⁴ Number ⁴ (if known) ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NON PATENT LITERATURE DOCUMENTS						

Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
HEP	1	P. F. LICHTENWAINER, Neural Network-Based Control for the Fiber Placement Composite Manufacturing Process, Journal of Materials Engineering and Performance, October -1993, Pages 687-691, Volume 2(5)	

Examiner Signature		Date Considered	10/31/02
--------------------	--	-----------------	----------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁶ Applicant is to place an "X" here if English language Translation is attached.

Substitute for form 1449/PTO
(Revised 04/2003)

MAY 19 2003

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number 09/998,478
Filing Date November 30, 2001
First Named Inventor Scott E. Black
Group Art Unit 1762
Examiner Name To be assigned
Attorney Docket Number 038190/240126

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages of Relevant Figures Appear
<u>APC</u>	<u>1</u>	<u>US-5,177,340</u>	<u>01-05-1993</u>	<u>Zaffiro</u>	
<u>APC</u>	<u>2</u>	<u>US-5,447,586</u>	<u>09-05-1995</u>	<u>Tam</u>	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No.	Foreign Patent Document Country Code - Number Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	English Language Translation Attached
<u>APC</u>	<u>3</u>	<u>0 491 355 A1</u>	<u>06-24-1992</u>	<u>Hercules Incorporated</u>		
<u>APC</u>	<u>4</u>	<u>0 534 092 A1</u>	<u>07-29-1992</u>	<u>Hercules Incorporated</u>		

Examiner Signature <u>[Signature]</u>	Date Considered <u>10/31/03</u>
---------------------------------------	---------------------------------

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.